

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-11 (canceled).

Claim 12 (new): A high-frequency module for transmitting and receiving transmission-reception signals of communication systems of at least three kinds from an antenna, the signals to be inputted and outputted from particular input-output portions, respectively, the high-frequency module comprising:

an FET switch including an antenna input-output portion to be connected to the antenna and at least three signal input-output portions whose connection to the antenna input-output portion is switched in accordance with control signals to be inputted, the FET being constituted such that the transmission signals of communication systems of three kinds are inputted from different signal input-output portions and such that reception signals of at least two communication systems are outputted from the same signal input-output portion; and

a diplexer connected to the signal input-output portion of the FET switch, from which reception signals of at least two communication systems are outputted, the diplexer being arranged to separate the reception signals of the at least two communication systems.

Claim 13 (new): A high-frequency module as claimed in claim 12, wherein the high-frequency module is a high-frequency module arranged to transmit and receive transmission-reception signals of first, second, third, and fourth communication systems from the antenna, and the FET switch includes first, second, third, and fourth signal input-output portions and is constituted such that transmission signals of the first communication system and the second communication system are inputted to the first signal input-output portion, such that transmission signals of the third communication system and the fourth communication system are inputted to the second signal input-

output portion, such that reception signals of the first communication system and the fourth communication system are outputted from the third signal input-output portion, and such that reception signals of the second communication system and the third communication system are outputted from the fourth signal input-output portion.

Claim 14 (new): A high-frequency module as claimed in claim 13, wherein a first diplexer connected to the third signal input-output portion and arranged to separate a reception signal of the first communication system and a reception signal of the fourth communication system and a second diplexer connected to the fourth signal input-output portion and arranged to separate a reception signal of the second communication system and a reception signal of the third communication system are provided.

Claim 15 (new): A high-frequency module as claimed in claim 12, wherein the high-frequency module is a high-frequency module arranged to transmit and receive transmission-reception signals of first, second, third, and fourth communication systems from the antenna, and the FET switch includes first, second, third, and fourth signal input-output portions and is constituted such that a transmission signal of the first communication system and a reception signal of the second communication system are inputted to the first signal input-output portion, such that transmission signals of the second communication system and the third communication system are inputted to the second signal input-output portion, such that a reception signal of the third communication system is outputted from the third signal input-output portion, and such that a reception signal of the first communication system and a transmission-reception signal of the fourth communication system are inputted to and outputted from the fourth signal input-output portion.

Claim 16 (new): A high-frequency module as claimed in claim 15, wherein a first diplexer connected to the first signal input-output portion and arranged to separate a transmission signal of the first communication system and a reception signal of the

second communication system and a second diplexer connected to the fourth signal input-output portion and arranged to separate a reception signal of the first communication system and a transmission-reception signal of the fourth communication system are included.

Claim 17 (new): A high-frequency module as claimed in claim 12, wherein the high-frequency module is a high-frequency module arranged to transmit and receive transmission-reception signals of first, second, and third communication systems from the antenna, and the FET switch includes first, second, third, and fourth signal input-output portions and is constituted such that a transmission signal of the first communication system is inputted to the first signal input-output portion, such that transmission signals of the second communication system and the third communication system are inputted to the second signal input-output portion, such that a reception signal of the third communication system is outputted from the third signal input-output portion, and such that a reception signal of the first communication system and a reception signal of the second communication system are outputted from the fourth signal input-output portion.

Claim 18 (new): A high-frequency module as claimed in claim 17, wherein a diplexer is connected to the fourth signal input-output portion and arranged to separate a reception signal of the first communication system and a reception signal of the second communication system.

Claim 19 (new): A high-frequency module as claimed in claim 12, wherein the FET switch is an FET switch including GaAs.

Claim 20 (new): A high-frequency module as claimed in claim 12, wherein the high-frequency module includes a laminate having dielectric layers laminated therein, and each circuit element constituting the diplexer is made up of an electrode pattern disposed on the surface of the dielectric layer.

Claim 21 (new): A high-frequency module as claimed in claim 20, wherein, on an uppermost surface of the laminate, a plurality of lands for mounting an antenna input-output portion and each signal input-output portion of the FET switch are disposed and a grounding electrode is disposed substantially in the center where the plurality of lands are disposed.

Claim 22 (new): A high-frequency module as claimed in claim 20, wherein, on an lowermost surface of the laminate, a plurality of electrodes for mounting the laminate on a mounting substrate is disposed, and an electrode of the input-output portion for inputting a transmission signal and an electrode of the antenna input-output portion in the plurality of electrodes are disposed along different sides of the laminate.

Claim 23 (new): A high-frequency module as claimed in 20, wherein, on an uppermost surface of the laminate, a plurality of lands for mounting the antenna input-output portion and each of the at least there signal input-output portions of the FET switch are disposed and a grounding electrode is provided inside the laminate at a location corresponding to where the plurality of lands are disposed.